



# **FDMS Version 4.5.2**

## **Release Notes**

**Release Date: January 15, 2014**

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## Release Summary

The FDMS version 4.5.2 release was intended as a patch release to address a few items that were identified during the later testing period prior to the release and through Help Desk requests immediately following the FDMS 4.5 and 4.5.1 releases. The primary changes to FDMS 4 for this release include the following:

- Time Zone
- Batch Processing
- Null Pointer Exception
- Recently Viewed/Favorites/Flagged Items
- Large Docket Tree
- Generic Field Values

## Time Zone

### Issue

In Flex, when a date was displayed on a Docket/Document and a user viewed it, the view adjusted for the local time. For example; a Document in FDMS has a Comment Due Date of December 20, 2013. Users in EST see it as December 20, 2013. The system has it stored with a time of 00:00:00. When a user in Hawaii (-5 hours) views the same document they see the date as December 19, 2013 because Flex displays December 19, 2013 19:00:00. Everything was on Regulations.gov at this point because it is showing users the view of the time stored in the database. When that user in Hawaii saw December 19, 2013 and thought it was the "wrong date," that user could go into the system and update that date to be December 20, 2013. That update stored the Document time as December 20, 2013 05:00:00. Regulations.gov and Endeca expect the time to always be 00:00:00 and could not handle the new time correctly. Therefore, if a user went to Regulations.gov, they would not see a comment bubble on December 20, 2013 because the times were not equal.

### Fix

These dates are now being properly stored without the time: author date, postmark date, fr publish date (date posted), implementation date, effective date, comment start date, comment end date.

\*Note about receive date: The receive date is stored with the time as it is initially a copy of the creation date, which includes the time. When it is updated, it is stored without the time. This leads to a mix of formats in the database, but does not and should not display differently in different time zones.

## Batch Processing

### Issue 1

At times when a request was sent with large number of Documents to be processed, not all of the Documents were processed successfully. If the whole folder was added to the batch processing queue, at times, the job did not show up in the Batch Jobs Tree.

### Fix

In the Flex code, the "Supporting and Related Materials" value was hardcoded for the Phase Sequence > Status folders. We corrected this and all Documents are now processed successfully.

### Issue 2

Batch jobs that took longer than 5 minutes to run were failing for a user. This user was a power user having more than 15,000 Documents sent to the Batch Table.

### Fix

We increased the timeout setting in the ticketed login for the Batch Engine.

## Null Pointer Exception

### Issue

Some users received the null pointer exception error multiple times per day as they completed a variety of actions in the application

### Fix

We changed the time out for the agency config cache from 15 min. to 60 min. and the number of errors experienced has been greatly reduced. This solution will be ongoing throughout the FDMS 4.6 development lifecycle.

## Recently Viewed/Favorites/Flagged Items

### Issue

The Recently Viewed/Favorites/Flagged Custom Tables needed to be cleaned up on the backend since some items were resulting in an error for users.

### Fix

The following conditions were added to the Custom Tables:

- When Document is deleted, Check each table and delete entry if it exists.
- Do not add TEMP documents to Recents or Favorites

## Large Docket Tree

### Issue

There was an issue with the Large Docket Tree where after clicking the "Next" node the screen would not display properly.

### Fix

We corrected an issue with the scroll position when clicking on the "Next" node.

## Generic Field Values

### Issue

There was an issue with the RIN validator for an agency that uses generic values as part of the Docket ID configuration. There appeared to be gaps in the list of values when the user was on the Add Docket screen if the user selected "Rulemaking" as the Docket Type and the RIN was missing or Invalid. Only pick lists that were large enough to need a scroll bar were affected.

## Fix

The issue with the RIN validator was corrected and all lists are now displaying correctly regardless of length.

## Known Issues

None noted.